

## ABSTRACT

A process for producing lactoperoxidase, including: a step (1) for bringing one or more milk materials into contact with a cation exchanger having weakly acidic groups as ion exchange groups to thereby effect adsorption treatment; a step (2) for  
5 washing the cation exchanger after the adsorption treatment; a step (3) for bringing the cation exchanger after the washing into contact with a leaching solvent to thereby obtain a leaching solution having lactoperoxidase eluted into the leaching solvent; a step (4) for concentrating the leaching solution through an ultrafiltration membrane to thereby effect precipitation in the concentrated leaching solution; and a step (5) for  
10 obtaining a lactoperoxidase solution by removing the precipitation from the concentrated leaching solution.